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DEUTERON ANALYZING POWERS A_y , A_{yy} AND A_{xx} IN dp - ELASTIC SCATTERING OBTAINED AT JINR-NUCLOTRON

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The results on the the vector A_y and tensor A_{yy} and A_{xx} analyzing powers in deuteron-proton elastic scattering at large scattering angles are presented. These data were obtained at internal target at JINR Nuclotron in the energy range 400-1800 MeV using polarized deuteron beam from new polarized ion source. New data on the deuteron analyzing powers in the wide energy range demonstrate the sensitivity to the short-range spin structure of the isoscalar nucleon-nucleon correlations.

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